

P a t e n t c l a i m s

1. A cabling spool for spooling, decoiling and storing of a cable at least consisting of a first spool lid and preferably also a second spool lid (1) and a first and second wing half (2), in which said wing halves (2) can be joined together thereby forming a cylindrical core with side flanges supporting a spooled cable,
characterised in that the first and alternatively the second spool lid (1) has adaptations adapted to the wing halves so that the first spool lid (1) can be joined together with its corresponding first wing half (2), the assembled unit forming a first of two halves of a cabling spool, and that a second half of the cabling spool may comprise the second spool lid and the second wing half, or may comprise the second wing half (2) without the second spool lid (1), the halves (2) of which may be joined together to form a cabling spool.
2. A cabling spool according to claim 1,
characterised in that said spool lid (1) or the two mentioned spool lids (1) forming the lid or lids of the assembled cabling spool have two axles gripping into recesses (5) in the wing halves adapted for the axles such that one of the spool lids or the assembled spool lid (1) may rotate around the rotation axle.
3. A cabling spool according to claim 2,
characterised in that said spool lid (1) or spool lids (1) comprise curved side flanges, such that said curved side flanges, when the cabling spool is in its closed position, will completely or partially cover a cylindrical cable core (3).
4. A cabling spool according to claim 2,
characterised in that said two spool lids (1) are shaped with partially circular side flanges, if seen parallel with a first central axis in which said central

axis forms the central axis of the cylindrical core of the cabling spool, in an assembled position are symmetrical around origo in a perpendicular co-ordinate system, and have open areas in the side flanges around the axle (7).

5. A cabling spool according to one of the claims 2-4, characterised in that said spool lid or spool lids (1) in an open position have an opening (6) such that a cable can be coiled or decoiled on the spool.

10. 6. A cabling spool according to any of the claims 2-5, characterised in that the axle (7) in a assembled state, having two spool lids, has a cylindrical arrangement and that the central axis of the cylinder is aligned with a third vertical axis normally on the first axis; the two wing halves (2) further having cylindrical 15 recesses (5) such that the axle (7) in the assembled state engaged with the recesses (5).

7. A cabling spool according to any of the claims 1-3 and 5, characterised in that the fist spool lid, alternatively the first and second spool lid (1,1) each having at least one snap lock (9) for lockable engagement 20 in the respective wing halves (2).

25. 8. A cabling spool according to claim 7, characterised in that one or more snap locks (9) form a two state positioning mechanism, such that the spool lid (1) or spool lids 81) will be stable in the open or closed position.

30. 9. A cabling spool according to any of the claims 1-4, characterised in that at least one of the wing halves (2) is provided with one or more tongues (16) for interlocking to a corresponding wing half (2), and that said one or more tongues form a part of the internal circumference of the inner cabling spool core.

10. A cabling spool according to any of the claims 1-4 and 9,
characterised in that at least one of the two corresponding wing halves (2) comprises an external cabling lock (14).

11. A cabling spool according to claim 10,
characterised in that the external cabling lock (14) is mounted on the surface of a side flange on the wing half (2), and that it is shaped to clamp a cable against said side flange.

12. A cabling spool according to any of the claims 1-4 and 9-10,
characterised in that at least one of the side flanges for a wing half (2) in the assembled cabling spool consists of a recess (15), preferably approximately s-shaped, for simple locking and releasing of the spooled cable.

13. A cabling spool according to any of the preceding claims,
characterised in that the cabling spool is provided with ventilation slots (13) on its surfaces.

14. A cabling spool according to claim 13,
characterised in that the ventilation slots (13) are recessed in the wing halves (2) and in the spool lid (1) or spool lids (1), such that the ventilation slots (13) of the first spool lid (1) overlap with the ventilation slots (13) of the first wing half (2), further that the ventilation slots (13) of the optional second spool lid (1) overlap with the ventilation slots (13) of the second wing half (2).

15. A cabling spool according to claim 2,
characterised in that the cabling spool in the open state will have the flange sides of the first spool

lid (1) and/or the second spool lid released from the wing halves (2), such that said flange sides constitute an angle of significance with the flange sides of the wing halves (2), thereby the flange sides of the first spool lid (1) in 5 this open state form a suitable spool handle; alternatively, the first and second spool lids form two suitable spool handles.

16. A method for spooling, coiling and storing of a cable on a cabling spool which at least comprises one spool lid 10 (1) and two wing halves (2), wherein said wing halves (2) may be joined together thereby forming a cylindrical core with side flanges supporting the spooled cable, characterised in that spooling of a cable is performed for the assembled cabling spool in that one or 15 two spool lids (1) are rotated around two axles (7) forming a part of the assembled spool lids (1), and wherein the axles (8) may rotate around a first axis of rotation, said axles (7) further gripping into axle recesses (5), and that the spool lid (1) or spool lids (1) are sufficiently 20 rotated in order to obtain one or two spool openings (6) which are sufficiently large for the cable to be coiled up around the cylindrical core (3) of the cabling spool.

17. A method according claim 16, characterised in that releasing a spooled 25 cable is performed for the assembled cabling spool in that one or preferably two spool lids (1) are rotated around two axles (7) which form a part of the assembled spool lids (1), and further wherein the axles (7) are cylindrical and may be rotated around a first axis of rotation, said axles 30 (7) further gripping into axle recesses (5) recessed in the two wing halves (2), and that the spool lid (1) or spool lids (1) are sufficiently rotated in order to obtain one or two spool openings (6) which are sufficiently large for the cable to be released from the cylindrical core (3) of the 35 cabling spool.

18. A method according claim 16,
characterised in that speedy decoiling of the
cable is performed in at least two of the following steps:

- 5 - the cabling spool is split into two parts, such
that a first part comprises a first spool lid (1)
joined together with a first wing half (2) and further
a second part which may comprise a second spool lid
(1) joined together with a second wing half,
- 10 - further, the cable is released from two cabling
locks(14) arranged on the external flange sides of the
wing halves (2),
- the cable will easily fall out of the spool
halves or easily be pulled out by pulling the cable
from the first and second part.